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METHODS AND SYSTEMS FOR MANAGING A NETWORK WHILE PHYSICAL
COMPONENTS ARE BEING PROVISIONED OR DE-PROVISIONED

ABSTRACT OF THE DISCLOSURE

[0081] Methods and systems of managing a network can be used in which physical components may be provisioned or de-provisioned without having to manually reconfigure a logical instrument. Logical instruments may be used to monitor or control an application environment. The logical instruments may be coupled to logical objects, which in turn are coupled to physical model objects, which in turn correspond to physical components. Host agents may reside on the physical components to actuate or have actuated a physical component. From a perspective of an operator or a program optimizing or otherwise managing an application environment on a network, the logical instruments appear as static variables (values can change, but the variable itself does not) where dynamic changes to physical components may occur but are transparent to the operator or program.